

## Goat anti-kynurenone 3-monooxygenase (aa29-42) Antibody

Item Number	dAP-3426
Target Molecule	Principle Name: kynurenone 3-monooxygenase (aa29-42); Official Symbol: KMO; All Names and Symbols: KMO; kynurenone 3-monooxygenase (kynurenone 3-hydroxylase); dJ317G22.1; kynurenone 3-hydroxylase; kynurenone 3-monooxygenase; Accession Number (s): NP_003670.2; Human Gene ID(s): 8564; Non-Human GenID(s):
Immunogen	KRNFQIDVYEARED, is from internal region (near N terminus)
Applications	Pep ELISA, WB Species Tested: Human
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Supplied As	Lyophilized powder of 50ug or 100ug IgG; Reconstitute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. Aliquot and store at -20°C. Minimize freezing and thawing.
Peptide ELISA	Peptide ELISA: antibody detection limit dilution 1 to 64000.
Western Blot	Western Blot: Approx 55kDa band observed in Human Placenta lysates (calculated MW of 55.8kDa according to NP_003670.2). Recommended concentration: 1-3µg/ml.
IHC	
Reference	Reference(s): Breton J, Avanzi N, Magagnin S, Covini N, Magistrelli G, Cozzi L, Isacchi A. Functional characterization and mechanism of action of recombinant human kynurenone 3-hydroxylase. European journal of biochemistry / FEBS 2000 Feb 267 (4): 1092-9.. PMID: 10672018->

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the end users! This product is sold for **Research Use Only**